

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/674,546
				Filing Date	April 30, 1999
				First Named Inventor	Claire M. FRASER
				Art Unit	1645
				Examiner Name	S. Devi
Sheet	1	of	2	Attorney Docket Number	223002101200

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/S.D./	1.	US-5,554,372	09-10-1996	Hunter	424/280.1
/S.D./	2.	US-6,355,253	03-12-2002	Zlotnick	424/234.1
/S.D./	3.	US-7,018,636	03-28-2006	Bhattacharjee et al.	424/197.11
/S.D./	4.	US-20040033234	02-19-2004	Berinstein et al.	
/S.D./	5.	US-20070026021	02-01-2007	Fraser et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
/S.D./	6.	WO-2006024954	03-09-2006	Chiron SRL	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/S.D./	7.	1997-11-17-NM_shotgun.dbs (1928 pages) and 1997-12-15-NM.dbs (576 pages), located at <ftp://ftp.sanger.ac.uk/pub/pathogens/nm/old data/>.	
/S.D./	8.	Declaration by Dr. Julian Parkhill dated June 12, 2008. 2 pages.	
/S.D./	9.	BERNFELD et al., and FARLEY et al. (September 1-6, 2002). <i>Thirteenth International Pathogenic Neisseria Conference</i> , pages 116 and 124.	
/S.D./	10.	CANTINI et al. (March 2006). "Solution Structure of the Immunodominant Domain of Protective Antigen GNA 1870 of <i>Neisseria meningitidis</i> ," <i>Journal of Biological Chemistry</i> 281(11): 7220-7227.	
/S.D./	11.	FLETCHER et al. (2004). "Vaccine Potential of the <i>Neisseria meningitidis</i> 2086 Lipoprotein," <i>Infection and Immunity</i> 72(4): 2088-2100.	
/S.D./	12.	GIULIANI et al. (February 2005). "The Region Comprising Amino Acids 100 to 255 of <i>Neisseria meningitidis</i> Lipoprotein GNA 1870 Elicits Bactericidal Antibodies," <i>Infection and Immunity</i> 73(2): 1151-1160.	
/S.D./	13.	LAWRENCE, E. (1997). Henderson's Dictionary of Biological Terms, Eleventh Edition (1997). Longman Ltd. Definition of "epitope," Cover pages, Table of Contents, and pages 37 and 184.	
/S.D./	14.	TETTELIN et al. (March 2000). "Complete Genome Sequence of <i>Neisseria meningitidis</i> Serogroup B Strain MC58," <i>Science</i> 287: 1809-1815.	
/S.D./	15.	WELSCH et al. (2004). "Protective Activity of Monoclonal Antibodies to Genome-Derived <i>Neisseria</i> Antigen 1870, a <i>Neisseria meningitidis</i> Candidate Vaccine," <i>The Journal of Immunology</i> 172: 5606-5615.	
/S.D./	16.	Notice of Opposition mailed on July 23, 2008 on behalf of Wyeth, directed to European Patent	

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		EP 1645631, granted on October 24, 2007. 20 pages.	
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/S.D./	18.	McGUINNESS et al. (Feb 1993). "Class 1 outer membrane protein of Neisseria meningitidis: epitope analysis of the antigenic diversity between strains, implications for subtype definition and molecular epidemiology," Mol. Microbiol. 7:505-514.	
/S.D./	19.	McGUINNESS et al. (March 1991). "Point mutation in meningococcal porA gene associated with increased endemic disease," Lancet 337:514-517.	
/S.D./	20.	RUDINGER et al. (June 1976). Peptide Hormones. (Ed) JA Parsons, University Park Press.	

Examiner Signature	/S. Devi/	Date Considered	10/24/2008
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